

## CLAIMS

1. A current conducting terminal which is in contact with either the positive or the negative electrode of one battery and in contact with an electrode of opposite polarity of another battery for conducting current between the two batteries, comprising:

one electrode which is in contact with the either positive or negative electrode of the one battery;

another electrode which is in contact with the electrode of opposite polarity of the another battery; and

a conductive polymer which is placed between the one electrode and the another electrode.

2. A current conducting terminal according Claim 1, wherein a contact which is provided on the one electrode to contact for the one battery and a contact which is provided on the another electrode to contact for the another battery are exposed, while the other parts are encased in a resin body.

3. An electrical apparatus, comprising:

a battery box;

a seat which is provided on the battery box, and supports the current conducting terminal; and

a holding means which is provided on the seat or the current conducting terminal according to Claim 2, and secures the current conducting terminal.

4. A current conducting terminal which is in contact with either the positive or the negative electrode of a battery to supply current to a circuit, comprising:

one electrode which is in contact with the either positive or negative electrode of the battery;

another electrode which is connected to the circuit; and

a conductive polymer which is placed between the one electrode and the another electrode.

5. A current conducting terminal adapter which is attached to a current conducting terminal which is in contact with either the positive or the negative electrode of a battery for conducting current to a circuit, comprising:

a relay current conduction piece; and

a resin body which holds the relay current conduction piece, and is attachable to or detachable from the current conducting terminal;

wherein the relay current conduction piece includes:

one electrode which is in contact with the current conducting terminal;

another electrode which is in contact with the electrode of opposite polarity of the battery; and

a conductive polymer which is placed between the one electrode and the another electrode.